

Safe Work Procedure		Wood Lathe																																					
Department / Area: Physical Plant Services	Approved By: Regional Manager of Physical Plant Services	Date Created: September 5 2014	Review Date: Revised date:																																				
Potential Hazards: Fill in those that apply <table border="0"> <tr> <td>H</td> <td>M</td> <td>L</td> <td>Risk for Injury</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Pinch Points – jam between stock and tool rest</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Moving Machinery – spinning stock</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Chemicals – wood dust</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Other – Clothing getting caught in machinery</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Forceful exertions – pressure holding tools</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Noise – cutting operation</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Awkward Sustained Postures – holding tools</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Material Falling – wood onto feet</td> </tr> </table>		H	M	L	Risk for Injury	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pinch Points – jam between stock and tool rest	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Moving Machinery – spinning stock	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemicals – wood dust	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other – Clothing getting caught in machinery	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Forceful exertions – pressure holding tools	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Noise – cutting operation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Awkward Sustained Postures – holding tools	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Material Falling – wood onto feet	Personal protective equipment / devices required / other safety considerations: <ul style="list-style-type: none"> ➤ Appropriate closed toe footwear ➤ Eye Protection / Goggles and Face Shield ➤ Hearing Protection ➤ Disposable Respirator (N95) if dusty conditions ➤ Dust Collection System (if available) ➤ Secure loose clothing, hair, drawstrings from hoods that could become entangled in tool 	
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Note: Signs and symptoms of a musculoskeletal injury (MSI) can include pain, burning, swelling, stiffness, numbness/tingling, and/or loss of movement or strength in a body part. Report these to your supervisor.																																							
Employers must ensure that workers are trained and follow this safe work procedure. Steps to perform this task safely: <ul style="list-style-type: none"> ➤ Ensure any loose fitting clothing is tucked in appropriately. Long sleeved shirts should be tight at the cuffs, long hair contained, and watches or loose jewelry should be removed to reduce the risk for jams or entanglement. ➤ Pre-inspect lathe for possible defects before using. Check electrical cords, switches, guards, adjustment locks. ➤ Check wood stock for defects and that glued joints are cured and dry. When lifting materials, try to keep your back straight and keep the load close to reduce stress on your back. Bend hips and knees rather than bending at the waist. Avoid twisting your back by instead taking small steps to turn. ➤ Load stock into the teeth of the stock holders and ensure it is well-secured. ➤ Make sure the tool rest is close to the stock and free from debris / tools. ➤ Turn on lathe. Hold tools firmly with both hands. ➤ Do not touch the spinning stock with your hands or reach around spinning stock. ➤ When using V-belt, power should be off and lathe unplugged before changing speeds. ➤ Remove tool rest before sanding and polishing. 																																							